

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-012828**Date Inspected:** 28-Mar-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Xu Xian Ping**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:****Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port

Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China.

In Process Inspections:

Welding on section 9EE at the floor beam to deck panel U- ribs. The welding procedure was identified as WPS-345-SMAW-3G (3F)-FCM-Repair-1. The welder was identified as 204339. ZPMC QC was identified as Mr. Wang Weiming.

Welding in the holdback areas of section 9DE, Cross beam side, at panel point 80. The welding procedure was identified as WPS- B-T-2232- Tc-U4b-F. The welder was identified as 055564. ZPMC QC was identified as Mr. Wang Weiming.

Welding of VT repair areas at various locations throughout section 9EE. The welder was identified as 204439.

Grinding of weld profile on section 9DE, bottom plate to side plate joint, BK side.

NDE Inspections:

WELDING INSPECTION REPORT

(Continued Page 2 of 2)

This inspector performed conventional ultrasonic examination, UT, on section 9DE at the deck plate to edge plate joints, bike path and cross beam sides. This inspection was after ZPMC and ABF UT inspections, and to verify the indications found during these inspections. Inspections performed by this inspector were limited due to the repair process had already began by ZPMC. No additional indications were recorded by this inspector. For more information on this UT inspection, see the ABF UT report for this section and welds.

Unless otherwise noted, all work performed on this day appeared to comply with the applicable contract documents.

Summary of Conversations:

No Relevant Conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
